

PATENT  
ATTORNEY DOCKET NO. 00786/440007

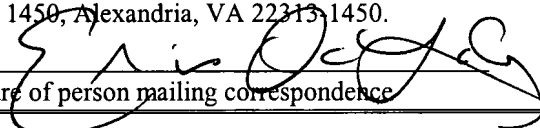
## Certificate of Mailing

Date of Deposit: May 21, 2007Label Number: EV 919880840 US

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Elvis De La Cruz

Printed name of person mailing correspondence

Signature of person mailing correspondence 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ruvkun et al.

Confirmation No.: 6588

Serial No.: 10/556,649

Art Unit: 1632

Filed: November 10, 2005

Examiner: Not Yet Assigned

Customer No.: 21559

Title: METHODS AND COMPOSITIONS RELATING TO LIPID  
ACCUMULATION

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REPLY TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. §371

In reply to the Notification of Missing Requirements that was mailed in connection with the above-captioned application on January 19, 2007, a copy of which is enclosed, Applicants, as a small entity, submit herewith the following:

- A Combined Declaration and Power of Attorney in compliance with 37 C.F.R. § 1.63;
- Payment of the surcharge of \$65.00 for late filing of the declaration;
- A Sequence Listing (paper copy and computer readable form);

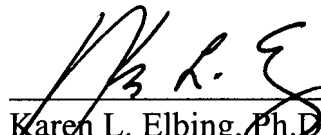
- A Sequence Statement Under 37 C.F.R. §1.821; and
- A Preliminary Amendment

Enclosed is a Petition to extend the period for replying to the Notification of Missing Requirements for two (2) months, to and including May 21, 2007, as May 19<sup>th</sup> was a Saturday, and a check in payment of the required extension fee.

If there are any additional charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: 21 May 2007

  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/556,649	Gary Ruvkun	00786/440007

INTERNATIONAL APPLICATION NO.	
PCT/US04/19186	
I.A. FILING DATE	PRIORITY DATE
06/16/2004	06/16/2003

21559  
 CLARK & ELBING LLP  
 101 FEDERAL STREET  
 BOSTON, MA 02110

CONFIRMATION NO. 6588

371 FORMALITIES LETTER



\*OC000000022064823\*

Date Mailed: 01/19/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 11/10/2005
- Copy of the International Search Report filed on 11/10/2005
- Copy of IPE Report filed on 11/10/2005
- Preliminary Amendments filed on 11/10/2005
- Request for Immediate Examination filed on 11/10/2005
- U.S. Basic National Fees filed on 11/10/2005
- Priority Documents filed on 11/10/2005
- Specification filed on 11/10/2005
- Claims filed on 11/10/2005
- Abstracts filed on 11/10/2005
- Drawings filed on 11/10/2005

ACTION DUE Reply - S.L.  
 DUE DATE 3-19-2007  
 ESP 7-19-2007  
 INITIALS TM

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://spportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

# COPY

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/556,649	PCT/US04/19186	00786/440007

FORM PCT/DO/EO/905 (371 Formalities Notice)